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Summary Tables: Stafford County, Virginia Shoreline Inventory Report

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Table 4. Stafford County, Virginia Shoreline Attributes - Riparian Land Use (miles) - River System Summary 2015

RIVER SYSTEM	TOTAL* MILES SURVEYED	AGRICULTURE			BARE			COMMERCIAL			FOREST total	GRASS			INDUSTRIAL			MILITARY			PAVED			RESIDENTIAL			SCRUB-SHRUB		
		no tree buffer	tree fringe**	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total		no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total
Accokeek Creek	9	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	<1	<1	2	<1	2	1	0	1
Aquia Creek	36	<1	<1	<1	<1	<1	<1	1	1	2	15	2	<1	2	0	<1	<1	0	0	0	1	<1	2	10	4	14	1	0	1
Chopawamsic Creek	7	0	0	0	0	0	0	<1	<1	1	5	<1	<1	<1	0	0	0	0	0	0	1	0	1	0	0	0	<1	0	<1
Potomac Creek	14	0	2	2	0	0	0	<1	<1	1	7	<1	0	<1	0	0	0	0	0	0	<1	0	<1	3	1	4	<1	0	<1
Potomac River	15	0	0	0	0	0	0	1	<1	1	8	1	<1	1	0	0	0	0	0	0	1	0	1	3	<1	4	1	0	1
Rappahannock River	37	2	3	5	0	<1	<1	<1	<1	<1	22	1	1	2	0	<1	<1	0	0	0	<1	<1	1	1	4	5	1	0	1
Total	119	2	5	7	<1	<1	<1	3	2	5	63	4	2	5	0	<1	<1	0	0	0	3	1	4	19	10	29	4	0	4

*Total = upland shoreline only (upland/marsh and upland/water). Does not include marsh/water shoreline.

**tree fringe: When the dominant riparian land use is not forested but a line of trees is maintained along the bank edge, the land use is noted to include a tree fringe. This tree fringe value includes tree fringe and tree fringe > 100 feet wide.

Note: Numbers have been rounded. Summing numbers across rows or down columns may not necessarily equal the exact total whole number shown.

Table 5. Stafford County, Virginia Shoreline Attributes - Riparian Bank Condition - River System Summary 2015

RIVER SYSTEM	TOTAL* MILES SURVEYED	BANK COVER (miles)			BANK HEIGHT (miles)		
		bare	partial	total	0-5 feet	5-30 feet	>30 feet
Accokeek Creek	9	<1	1	8	7	2	<1
Aquia Creek	36	1	8	27	25	12	<1
Chopawamsic Creek	7	<1	1	6	5	2	0
Potomac Creek	14	<1	1	13	11	3	0
Potomac River	15	1	4	10	8	7	<1
Rappahannock River	37	1	6	30	33	4	<1
Total	119	3	20	95	89	29	1

*Total = does not include detached marsh or marsh island shoreline

Note: Numbers have been rounded. Summing numbers across rows or down columns may not necessarily equal the exact total whole number shown.

Table 6. Stafford County, Virginia Shoreline Attributes - Natural Buffers, *Phragmites australis* and Marsh Survey Dates - River System Summary 2015

RIVER SYSTEM	BEACH (miles)	# Wetland Polygons field checked		Marsh Type (acres) marsh marsh island total marsh			MARSH														PHRAGMITES ³ (percent of field checked marshes)	MARSH SURVEY DATES
							Community Type ¹ (acres)															
							I	II	III	IV	V	VI	VII	VIII ²	IX	X	XI	XII	DNS ^{**}			
Accokeek Creek	<1	28	28	333	0	333	0	0	0	0	0	<1	0	124	0	208	0	0	11	June 20, 2015		
Aquia Creek	1	104	96	426	20	445	0	0	0	0	<1	13	<1	5	119	0	237	0	71	9	June 20-21, 2015	
Chopawamsic Creek	<1	4	0	120	0	120	0	0	0	0	0	0	0	0	0	0	0	0	120	n/a	DNS	
Potomac Creek	<1	37	31	319	0	319	0	0	0	0	0	3	<1	0	0	0	115	0	201	3	June 20, 2015	
Potomac River	6	17	15	65	<1	66	0	0	0	0	0	3	<1	<1	0	0	62	0	<1	20	June 20-21, 2015	
Rappahannock River	<1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	DNS	
Total	7	190	171	1263	20	1283	0	0	0	0	<1	19	1	5	243	0	623	0	393			

**DNS = Did Not Survey

¹Community Type:
I = Saltmarsh Cordgrass / low marsh
II = Saltmeadow / high marsh
III = Black Needlerush
IV = Saltbush
V = Big Cordgrass
VI = Cattail

VII = Arrow Arum – Pickerel Weed
VIII = Reed Grass (*Phragmites australis*)
IX = Yellow Pond Lily
X = Saltwort
XI = Freshwater mix
XII = Brackish mix

²Type VIII - Field checked marshes where *Phragmites australis* was estimated to cover >50% marsh area.

³Phragmites - percent of field checked marshes where *Phragmites australis* is present in any amount.

Note: Numbers have been rounded. Summing numbers across rows or down columns may not necessarily equal the exact total whole number shown.

Table 7. Stafford County, Virginia Shoreline Attributes - Shoreline Features - River System Summary 2015

RIVER SYSTEM	TOTAL* MILES SURVEYED	Number									Miles							
		docks	dilapidated docks	boathouses	private	ramps public	marinas <50 slips	>50 slips	wharfs	jetties	bulkhead	dilapidated bulkhead	debris	marsh toe revetment	riprap	unconventional	breakwater	groinfields
Accokeek Creek	9	6	2	36	4	0	0	0	0	0	1	0	0	0	<1	0	0	<1
Aquia Creek	36	34	2	216	20	1	1	5	0	0	4	<1	0	0	1	<1	0	<1
Chopawamsic Creek	7	0	0	1	1	0	0	0	0	0	0	0	0	0	<1	<1	0	0
Potomac Creek	14	6	1	47	7	0	0	0	0	0	1	0	0	<1	<1	<1	<1	<1
Potomac River	15	9	3	53	14	0	0	0	0	0	1	0	<1	<1	1	1	<1	1
Rappahannock River	37	0	0	1	0	1	0	0	0	0	0	<1	0	0	<1	0	0	0
Total	119	55	8	354	46	2	1	5	0	0	6	<1	<1	<1	3	1	<1	1

*Total = upland shoreline only (upland/marsh and upland/water). Does not include marsh/water shoreline.
Note: Numbers have been rounded. Summing numbers across rows or down columns may not necessarily equal the exact total whole number shown.